

12/11/98
JC598 U.S. PTO

Please type a plus sign (+) inside this box →

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. E-1537 CIP

First Inventor or Application Identifier Anna Gutowska

Title Reversible geling copolymer and method..

Express Mail Label No. EE277182424US

PTO

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 29]
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
4. Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

***NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement Power of (when there is an assignee) Attorney
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 - * Small Entity Statement(s) Statement filed in prior application, (PTO/SB/09-12) Status still proper and desired
13. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
14. Other:
15. Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP)

of prior application No. 08,870,368

Group / Art Unit: _____

Prior application information: Examiner _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)				or <input checked="" type="checkbox"/> Correspondence address below
Name	Paul W. Zimmerman (K1-53) Battelle Memorial Institute				
Address	P.O. Box 999				
City	Richland	State	WA	Zip Code	99352
Country	U.S.A.	Telephone	(509) 375-2981	Fax	(509) 375-4487

Name (Print/Type)	Paul W. Zimmerman	Registration No. (Attorney/Agent)	34,761
Signature	Paul W. Zimmerman	Date	98/DEC/11

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 653.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Anna Gutowska
Examiner Name	
Group / Art Unit	
Attorney Docket No.	E-1537 CIP

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																							
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number 02-1275</p> <p><input type="checkbox"/> Battelle Memorial Institute <input type="checkbox"/> Pacific Northwest Division</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205 65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227 25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139 130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147 2,520 For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112 920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113 1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215 55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216 200 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>950</td><td>217 475 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,510</td><td>218 755 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>2,060</td><td>228 1,030 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219 155 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220 155 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221 135 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138 1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240 55 Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,320</td><td>241 660 Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,320</td><td>242 660 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>450</td><td>243 225 Design issue fee</td><td></td></tr> <tr><td>144</td><td>670</td><td>244 335 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122 130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123 50 Petitions related to provisional applications</td><td></td></tr> <tr><td>128</td><td>240</td><td>128 240 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581 40 Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>790</td><td>248 395 Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>790</td><td>249 395 For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="4">SUBTOTAL (2) (\$ 273)</td> <td colspan="4">SUBTOTAL (3) (\$ -0-)</td> </tr> <tr> <td colspan="4">* Reduced by Basic Filing Fee Paid</td> <td colspan="4"></td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205 65 Surcharge - late filing fee or oath		127	50	227 25 Surcharge - late provisional filing fee or cover sheet		139	130	139 130 Non-English specification		147	2,520	147 2,520 For filing a request for reexamination		112	920*	112 920* Requesting publication of SIR prior to Examiner action		113	1,840*	113 1,840* Requesting publication of SIR after Examiner action		115	110	215 55 Extension for reply within first month		116	400	216 200 Extension for reply within second month		117	950	217 475 Extension for reply within third month		118	1,510	218 755 Extension for reply within fourth month		128	2,060	228 1,030 Extension for reply within fifth month		119	310	219 155 Notice of Appeal		120	310	220 155 Filing a brief in support of an appeal		121	270	221 135 Request for oral hearing		138	1,510	138 1,510 Petition to institute a public use proceeding		140	110	240 55 Petition to revive - unavoidable		141	1,320	241 660 Petition to revive - unintentional		142	1,320	242 660 Utility issue fee (or reissue)		143	450	243 225 Design issue fee		144	670	244 335 Plant issue fee		122	130	122 130 Petitions to the Commissioner		123	50	123 50 Petitions related to provisional applications		128	240	128 240 Submission of Information Disclosure Stmt		581	40	581 40 Recording each patent assignment per property (times number of properties)		146	790	248 395 Filing a submission after final rejection (37 CFR 1.129(a))		149	790	249 395 For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____				Other fee (specify) _____				SUBTOTAL (2) (\$ 273)				SUBTOTAL (3) (\$ -0-)				* Reduced by Basic Filing Fee Paid							
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																								
105	130	205 65 Surcharge - late filing fee or oath																																																																																																																																									
127	50	227 25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																									
139	130	139 130 Non-English specification																																																																																																																																									
147	2,520	147 2,520 For filing a request for reexamination																																																																																																																																									
112	920*	112 920* Requesting publication of SIR prior to Examiner action																																																																																																																																									
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action																																																																																																																																									
115	110	215 55 Extension for reply within first month																																																																																																																																									
116	400	216 200 Extension for reply within second month																																																																																																																																									
117	950	217 475 Extension for reply within third month																																																																																																																																									
118	1,510	218 755 Extension for reply within fourth month																																																																																																																																									
128	2,060	228 1,030 Extension for reply within fifth month																																																																																																																																									
119	310	219 155 Notice of Appeal																																																																																																																																									
120	310	220 155 Filing a brief in support of an appeal																																																																																																																																									
121	270	221 135 Request for oral hearing																																																																																																																																									
138	1,510	138 1,510 Petition to institute a public use proceeding																																																																																																																																									
140	110	240 55 Petition to revive - unavoidable																																																																																																																																									
141	1,320	241 660 Petition to revive - unintentional																																																																																																																																									
142	1,320	242 660 Utility issue fee (or reissue)																																																																																																																																									
143	450	243 225 Design issue fee																																																																																																																																									
144	670	244 335 Plant issue fee																																																																																																																																									
122	130	122 130 Petitions to the Commissioner																																																																																																																																									
123	50	123 50 Petitions related to provisional applications																																																																																																																																									
128	240	128 240 Submission of Information Disclosure Stmt																																																																																																																																									
581	40	581 40 Recording each patent assignment per property (times number of properties)																																																																																																																																									
146	790	248 395 Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																									
149	790	249 395 For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																									
Other fee (specify) _____																																																																																																																																											
Other fee (specify) _____																																																																																																																																											
SUBTOTAL (2) (\$ 273)				SUBTOTAL (3) (\$ -0-)																																																																																																																																							
* Reduced by Basic Filing Fee Paid																																																																																																																																											

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Paul W. Zimmerman			Reg. Number	34,761
Signature	<i>Paul W. Zimmerman</i>			Date	18/Dec/11
				Deposit Account User ID	005055

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Express Mailing Label #EE277182424US
PATENT
File No. E-1537 CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant or Patentee: Anna Gutowska

Serial or Patent No.: _____

Filed or Issued: _____

For: REVERSIBLE GELING CO-POLYMER AND METHOD OF MAKING

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION Battelle Memorial Institute
Pacific Northwest Division

ADDRESS OF ORGANIZATION Post Office Box 999, Richland, WA 99352

TYPE OF ORGANIZATION:

- [X] Nonprofit Scientific or Educational Under Statute of State of the United States of America
(Name of State Ohio)
(Citation of Statute Sections 1719.01 and 1719.05, Rev. Code of Ohio)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled REVERSIBLE GELING CO-POLYMER AND METHOD OF MAKING by inventor(s) Anna Gutowska described in

- [] application executed _____
[X] specification filed herewith
[] application serial no. _____, filed _____
[] patent no. _____, issued _____.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME NONE
ADDRESS

INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

NAME _____
ADDRESS

INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Paul W. Zimmerman
TITLE OF ORGANIZATION Contracting Officer, Pacific Northwest Division,
Battelle Memorial Institute
ADDRESS OF PERSON SIGNING Post Office Box 999, Richland, WA 99352

SIGNATURE Paul W. Zimmerman DATE 28/Dec/11

EXPRESS MAIL MAILING LABEL #EE277182424US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
)
Anna Gutowska)
)
)
)
For: REVERSIBLE GELING CO-) Our Ref. No: E-1537 CT
) POLYMER AND METHOD OF
) MAKING Date: December 11, 1998
)
)

jc510 U.S. PRO
09/209541
12/11/98

CERTIFICATE OF MAILING

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

The undersigned hereby certifies that the attached:

- [X] Patent Application of 29 pages, and
- [X] Formal Drawings of 3 Sheets
- [X] Patent Transmittal / Fee Sheet (2 ea.)
- [X] Assignment / Transmittal (2 ea.)
- [X] Combined Declaration and Power of Attorney
- [X] Small Entity
- [] Information Disclosure
 - [] with attachments

are being deposited with the United States Postal Service as:

[] First Class Mail
[X] Express Mail - Label #EE277182424US
in an envelope addressed to the Assistant Commissioner for
Patents, Washington, D.C. 20231, on the date set forth below.

Janice K. Laybourn
Signature

12/11/98
Date Deposited

Janice K. Laybourn K1-53
Intellectual Property Services
Battelle Memorial Institute
Pacific Northwest National Laboratory
P.O. Box 999
Richland, WA 99352
(509) 375-2655